

April, 1937

Schmerhorn #1 Moore,
NW NW NW, 25-18S-16W,
Elevation 1981'

Pennsylvanian conglomerate 3494-3539'
3494-3509 Clay shales; with nodular limes containing in-
cluded sand.
3509-3522 Clay shales and dense limes. Rare coarse sand
and fragments of chert, probably included in the
clay shale.
3522-3539 Sand, fine to medium, well-sorted as far as clay
is concerned, consolidated, in part quartzitic.
Contains scattered coarse grains. Porous.

Truckle Top 3539' Penetration 19' Sub-sea, minus 1608'
3539-3558 Sand, fine, consolidated, well-sorted, in part
quartzitic. Differs from above in being more
even-grained. Reagan or base of Pre-Cetter in
this area.

The top of pay sand is 3522' or -1591'. The distinction between
between Penn. and Reagan sand is a matter of opinion and is of value
only in paleogeologic mapping, as the two sands form a vertically
continuous reservoir.